

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 5											
2. AMENDMENT/MODIFICATION NO. 0008		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-RTPPOD-16-00022											
5. PROJECT NO. (If applicable)		7. ADMINISTERED BY (If other than Item 6)		CODE											
6. ISSUED BY RTPPOD US Environmental Protection Agency 109 T.W. Alexander Drive Mail Code: E105-02 Research Triangle Park NC 27709															
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  INDUSTRIAL ECONOMICS, INCORPORATED 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340		9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  X 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-D-14-032  10B. DATED (SEE ITEM 13) 09/12/2014													
CODE 007977887		FACILITY CODE													
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>															
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.															
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule															
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> <tr> <td>X</td> <td>Limitation of Funds Clause; Clause G.4 Contract Administration Representatives</td> </tr> </table>						CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:		D. OTHER (Specify type of modification and authority)	X	Limitation of Funds Clause; Clause G.4 Contract Administration Representatives
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<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.															
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)															
DUNS Number: 007977887 "Benefits and Other Relevant Analyses and Methods Development for Evaluation of Air Pollution Control Policies." Max Expire Date: 09/15/2019 The purpose of this modification is to shift funds from the base period to option period I in the amount of \$147,753.71. All other terms and conditions remain unchanged. Delivery Location Code: OAR/OAQPS OAR/OAQPS US Environmental Protection Agency Mail Code: C404-04 109 T.W. Alexander Drive Continued ...															
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.															
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)													
		Natalia Fisher-Jackson													
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA											
(Signature of person authorized to sign)				Digitally signed by NATALIA FISHER-JACKSON DN: c=US, o=U.S. Government, ou=USEPA, ou=Staff, cn=NATALIA FISHER-JACKSON, dnQualifier=0000016076 Date: 2016.01.20 17:31:44 -05'00'											
		NATALIA FISHER-JACKSON		(Signature of Contracting Officer)											
NSN 7540-01-152-8070 Previous edition unusable															
STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243															

NAME OF OFFEROR OR CONTRACTOR  
INDUSTRIAL ECONOMICS, INCORPORATED

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Durham NC 27711 USA				
	FOB: Destination				
	<b>Funds shift from Base Period:</b>				
	CLIN 0001				
	15-16-B-27C-102A59-2505-152715C004-001			\$29,460.32	-\$13,539.68
4	15-16-BR-58F0X16-101A46-2505-1558FC5568-001			\$30,106.98	-\$39,893.02
5	14-15-BR-58F0X18-101A46-2505-1558FC5635-001			\$23,201.65	-\$26,798.35
6	15-16-C-56H6-102A61-2505-1556H5E040-001			\$7,477.34	-\$67,522.66
	<b>Funds shifted to Option Period I:</b>				
	CLIN 0002				
	15-16-B-27C-102A59-2505-152715C004-001			\$13,539.68	\$13,539.68
12	15-16-BR-58F0X16-101A46-2505-1558FC5568-001			\$39,893.03	\$39,893.02
13	14-15-BR-58F0X18-101A46-2505-1558FC5635-001			\$26,798.39	\$26,798.35
14	15-16-C-56H6-102A61-2505-1556H5E040-001			\$67,522.69	\$67,522.66

## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO.

0008

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

PR-RTPPOD-16-00022

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

RTPPOD

7. ADMINISTERED BY (If other than Item 6)

CODE

RTPPOD

US Environmental Protection Agency

109 T.W. Alexander Drive

Mail Code: E105-02

Research Triangle Park NC 27709

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

INDUSTRIAL ECONOMICS, INCORPORATED

2067 MASS AVE STE 4

CAMBRIDGE MA 021401340

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

EP-D-14-032

10B. DATED (SEE ITEM 13)

09/12/2014

CODE 007977887

FACILITY CODE

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

## 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

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C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Limitation of Funds Clause; Clause G.4 Contract Administration Representatives

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 007977887

"Benefits and Other Relevant Analyses and Methods Development for Evaluation of Air Pollution Control Policies."

Max Expire Date: 09/15/2019

The purpose of this modification is to shift funds from the base period to option period I in the amount of \$147,753.71. All other terms and conditions remain unchanged.

Delivery Location Code: OAR/OAQPS

OAR/OAQPS

US Environmental Protection Agency

Mail Code: C404-04

109 T.W. Alexander Drive

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Natalia Fisher-Jackson

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-D-14-032/0008

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NAME OF OFFEROR OR CONTRACTOR  
INDUSTRIAL ECONOMICS, INCORPORATED

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Durham NC 27711 USA  FOB: Destination				

1. The Section B Clauses entitled: B.1 "LEVEL OF EFFORT – COST REIMBURSEMENT TERM CONTRACT" EPAAR 1552.211-73; B.3 "ESTIMATED COST AND FIXED FEE "(EP 52.216-190) (APR 1984) and B.4 "LIMITATION OF FUNDS NOTICE" (EP 52.232-100) (APR 1984) are modified and combined in the "CLAUSE RECAPITULATION"

The text is as follows:

LIMITATION OF FUNDS NOTICE /RECAPITULATION In accordance with the "Limitation of Funds" Clause, additional funding is being provided for **BASE PERIOD and option period I** by this modification. The "Limitation of Funds Notice" Clause of the contract is modified as follows to reflect the current amounts allotted for cost and fee and the periods for which the funding is estimated to cover:

Base Period	Prior Amount	This Mod	New Amount
Estimated Cost	\$ [REDACTED]		\$ [REDACTED]
Fixed Fee	\$ [REDACTED]		\$ [REDACTED]
Cost Plus Fixed Fee	\$ 746,746.76		\$ 746,746.76
Allotted Cost	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Reserved for Fee	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Limitation of Funds	\$ 331,965.97	\$ (147,753.71)	\$ 184,212.26
Option Period	Prior Amount	This Mod	New Amount
Estimated Cost	\$ [REDACTED]		\$ [REDACTED]
Fixed Fee	\$ [REDACTED]		\$ [REDACTED]
Cost Plus Fixed Fee	\$ 765,589.42		\$ 765,589.42
Allotted Cost	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Reserved for Fee	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Limitation of Funds	\$ 318,627.00	\$ 147,753.71	\$ 466,380.71

**G.4 CONTRACT ADMINISTRATION REPRESENTATIVES (EP 52.242-100) (AUG 1984)**

Project Officer(s) for this contract:

Project Officer :

Carolyn Blake  
Research Triangle Park  
RTP, NC 27709  
Mail Code: C404-02  
Phone Number: (919) 541-5256  
Email: blake.carolyn@epa.gov

Alternate Project Officer:

Brandon Hawkins  
Research Triangle Park  
RTP, NC 27709  
Mail Code: C404-02  
Phone Number: (919) 541-0880  
Email: hawkins.brandon@epa.gov

Contract Specialist(s) responsible for administering this contract:

Contract Specialist:

Natalia Fisher-Jackson  
Research Triangle Park  
RTP, NC 27709  
Mail Code: AA005  
Phone Number: (919) 541-3564  
Email: fisher-jackson.natalia@epa.gov

Administrative Contracting Officer:

Robert Flowers  
109 T.W. Alexander Drive  
Research Triangle Park  
RTP, NC 27709  
Mail Code: AA005  
Phone Number: (919) 541-2182  
Email: Flowers.rob@epa.gov

**G.5 SUBCONTRACT CONSENT (EP 52.244-100) (APR 1984)**

The Contractor shall submit the information required by the "Subcontracts," clause to the Contracting Officer and assigned Project Officer. The Contracting Officer will provide written notice to the Contractor of his decision.

Consent is given to issue the following subcontracts:

**\*NOTE: THE CONTRACTOR SHALL SUBMIT THE SUBCONTRACT AGREEMENT WITH APPROPRIATE FLOW DOWN CLAUSES AND THE NEGOTIATION MEMORANDUM TO THE CONTRACTING OFFICER BEFORE ENTERING INTO ANY WORK WITH THE BELOW LISTED SUBCONTRACTORS.**

From :

Subcontractor	Level of Effort	Subcontract Value	Subcontract Type
	3500		CPFF
	925		T&M
	3150		CPFF
	4255		T&M
	3,475		T&M
	26		T&M
	531		T&M
	116		T&M

To:

Subcontractor	Level of Effort	Subcontract Value	Subcontract Type
	3500		CPFF
	925		T&M
	3150		CPFF
	4255		T&M
	3,475		T&M
	26		T&M
	947		T&M
	114		T&M
	116		T&M

The above changes include submission from 0-05, 1-07, and 1-09.